

ABSTRACT OF THE DISCLOSURE

One or more embodiments of the invention provide a visual cue for placing a first geometric entity in a three-dimensional space represented in a computer-implemented graphics program. A two-dimensional viewport of 3D space is displayed on a display device. The operator selects a first point within the two-dimensional viewport. Based on the first point, a visual cue is displayed in the two-dimensional viewport that indicates a coordinate system plane within the three-dimensional space. The coordinate system plane identifies a plane where the first geometric entity is to be placed. Using the visual cue, a second point is selected on the coordinate system plane in the two-dimensional viewport. Thereafter, the first geometric entity is placed on the coordinate system plane based on the second point.

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